

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070645.D
 Acq On : 08 Oct 2021 18:12
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 11 02:24:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

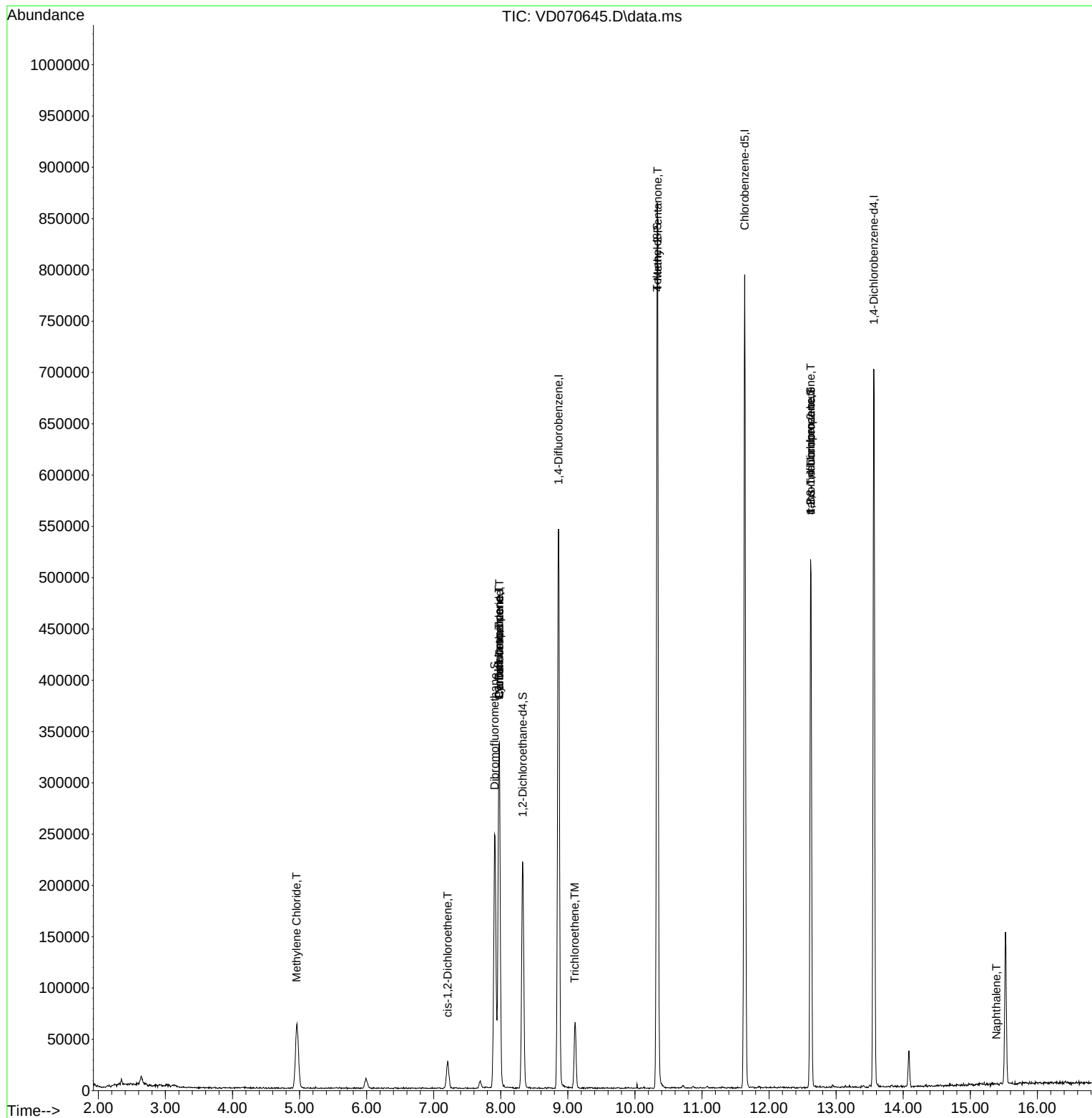
Internal Standards						
1) Pentafluorobenzene	7.979	168	243565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	485904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	473628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	191208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177143	61.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.600%	
35) Dibromofluoromethane	7.908	113	179841	55.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.340%	
50) Toluene-d8	10.332	98	602611	48.794	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.580%	
62) 4-Bromofluorobenzene	12.620	95	183583	44.476	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.960%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	484	Below Cal		93
20) Methylene Chloride	4.956	84	53960	8.748	ug/l	89
27) cis-1,2-Dichloroethene	7.208	96	16495	4.669	ug/l	89
31) Cyclohexane	7.973	56	5331	1.004	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	21665	4.198	ug/l #	46
38) Carbon Tetrachloride	7.979	117	26885	4.978	ug/l #	16
44) Trichloroethene	9.102	130	23423	6.245	ug/l	93
51) 4-Methyl-2-Pentanone	10.338	43	1958	1.208	ug/l #	1
59) 2-Hexanone	10.973	43	116	Below Cal	#	20
76) 1,2,3-Trichloropropane	12.620	75	86700	50.097	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	86700	111.224	ug/l #	17
95) Naphthalene	15.390	128	568	2.579	ug/l #	69

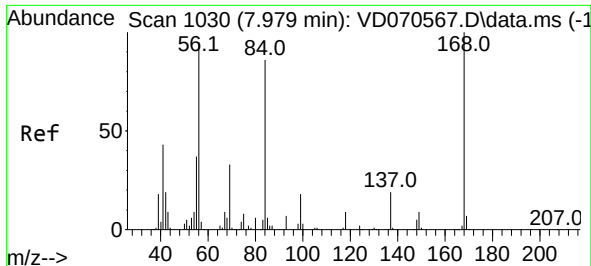
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
Data File : VD070645.D
Acq On : 08 Oct 2021 18:12
Operator : VA/SY
Sample : VIBLK
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 11 02:24:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

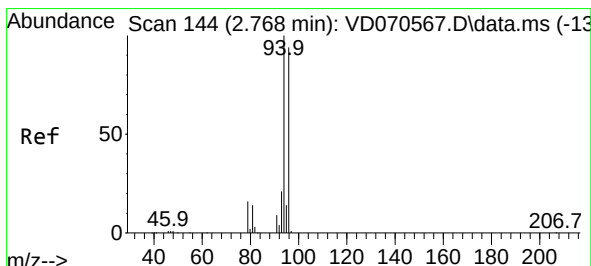
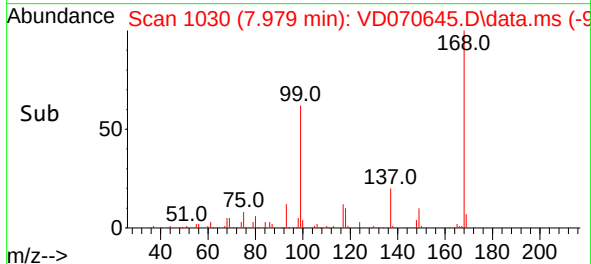
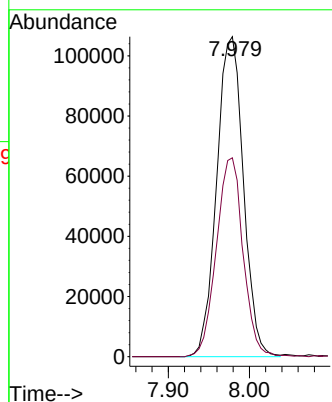
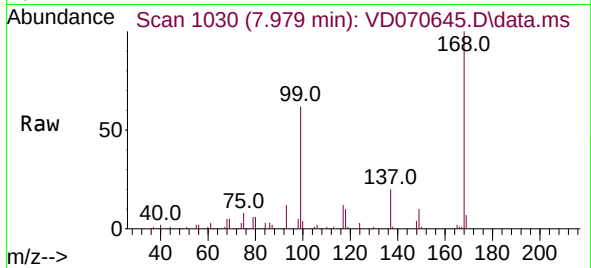




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

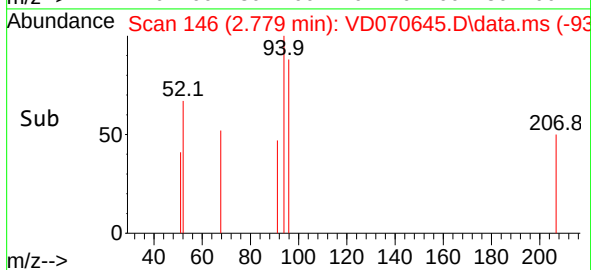
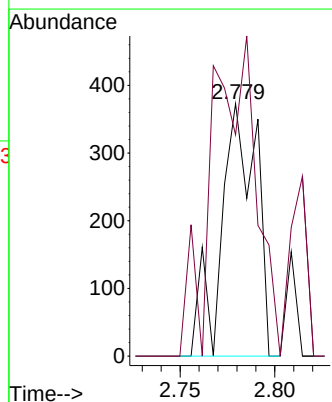
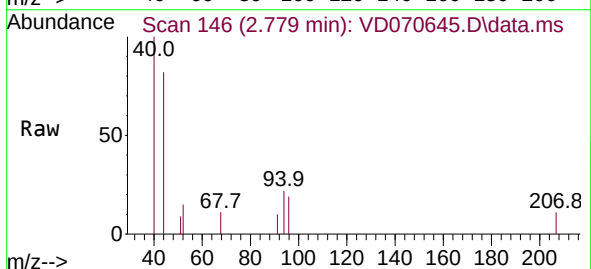
Instrument :
MSVOA_D
ClientSampleId :

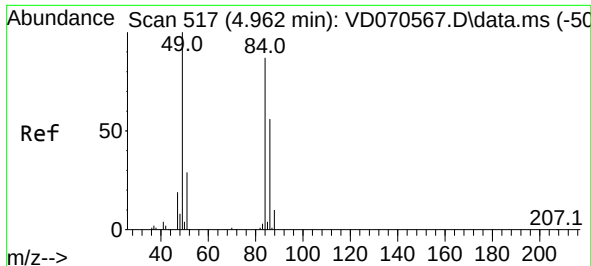
Tgt Ion:168 Resp: 243565
Ion Ratio Lower Upper
168 100
99 62.2 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

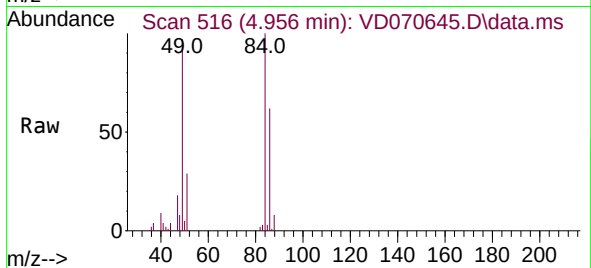
Tgt Ion: 94 Resp: 484
Ion Ratio Lower Upper
94 100
96 87.7 75.5 113.3



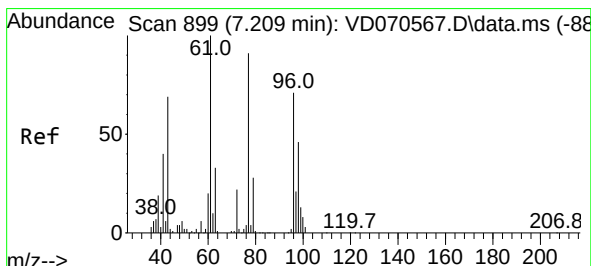
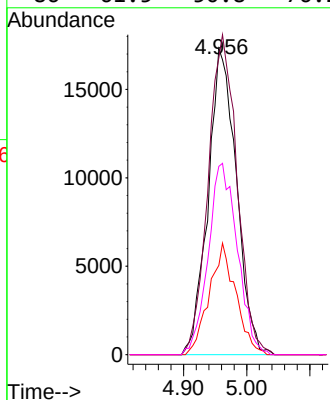
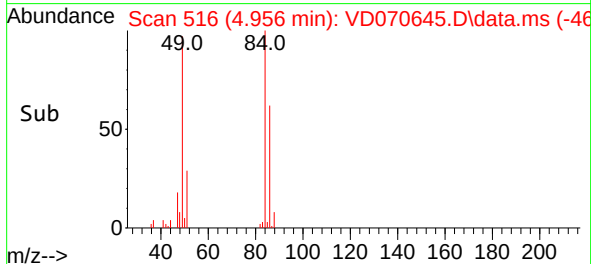


#20
Methylene Chloride
Concen: 8.748 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

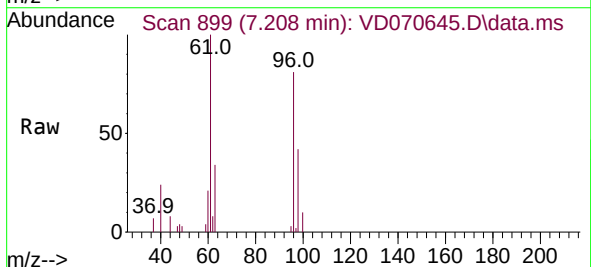
Instrument :
MSVOA_D
ClientSampleId :



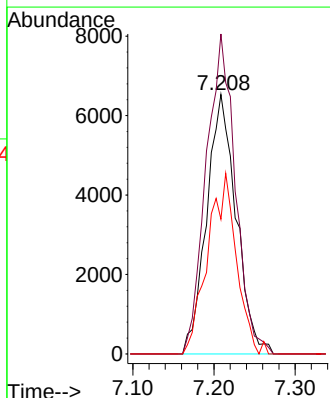
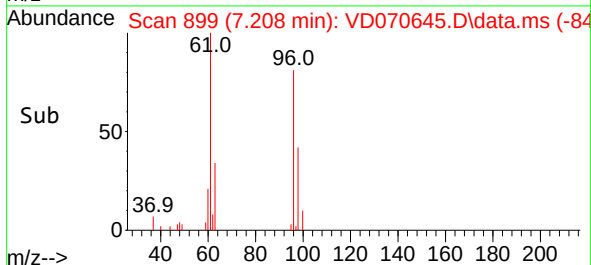
Tgt Ion:	84	Resp:	53960
Ion	Ratio	Lower	Upper
84	100		
49	97.0	91.4	137.2
51	29.2	26.7	40.1
86	61.5	50.8	76.2

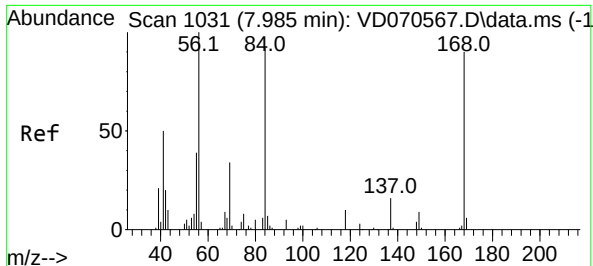


#27
cis-1,2-Dichloroethene
Concen: 4.669 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12



Tgt Ion:	96	Resp:	16495
Ion	Ratio	Lower	Upper
96	100		
61	121.9	0.0	278.2
98	67.3	0.0	128.6





#31

Cyclohexane

Concen: 1.004 ug/l

RT: 7.973 min Scan# 1029

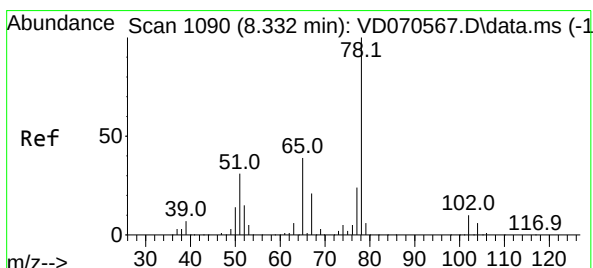
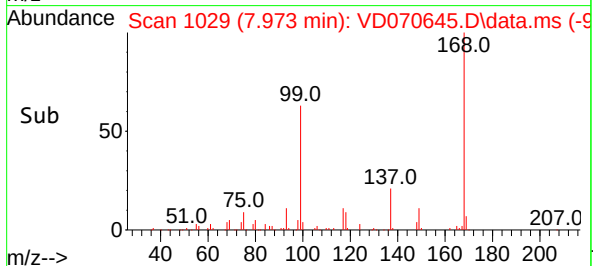
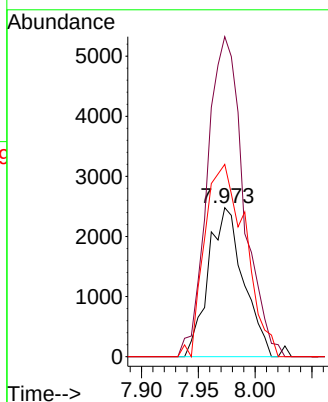
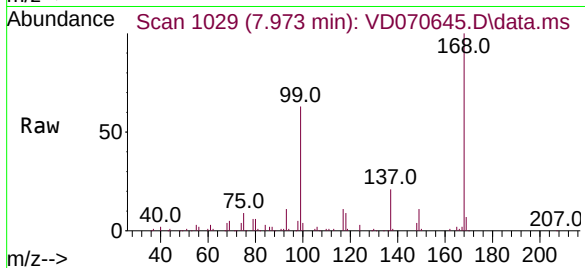
Delta R.T. -0.012 min

Lab File: VD070645.D

Acq: 08 Oct 2021 18:12

Tgt Ion:	56	Resp:	5331
Ion	Ratio	Lower	Upper
56	100		
69	214.8	27.4	41.2#
84	129.1	73.6	110.4#

Instrument :
MSVOA_D
ClientSampleId :



#33

1,2-Dichloroethane-d4

Concen: 61.799 ug/l

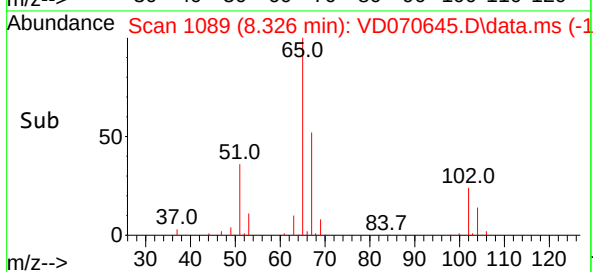
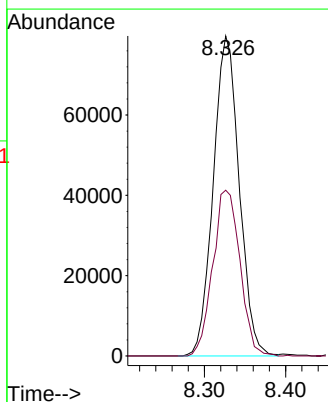
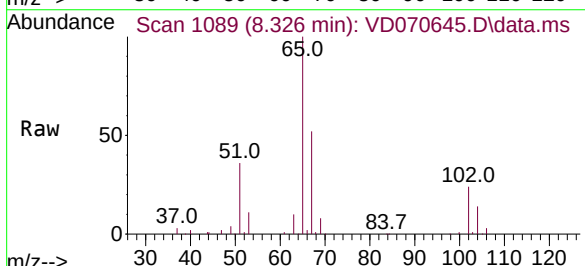
RT: 8.326 min Scan# 1089

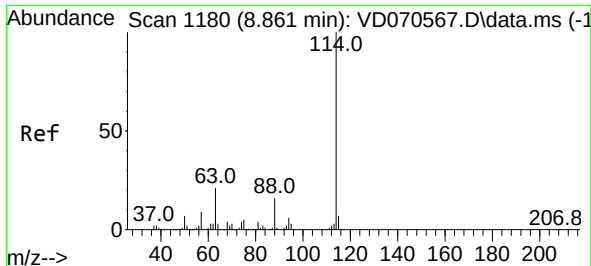
Delta R.T. -0.006 min

Lab File: VD070645.D

Acq: 08 Oct 2021 18:12

Tgt Ion:	65	Resp:	177143
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070645.D

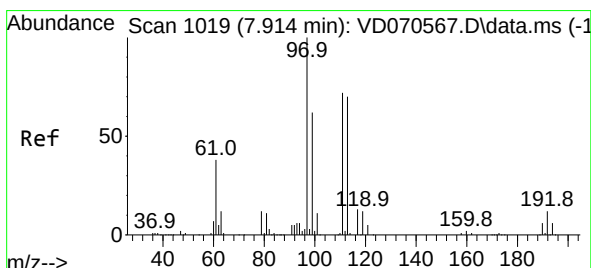
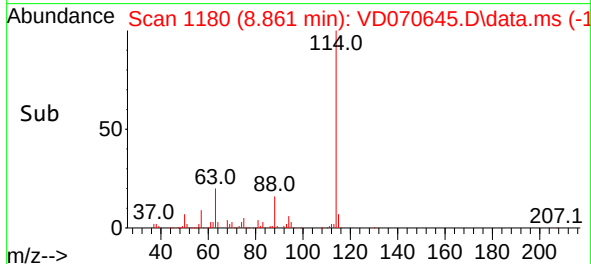
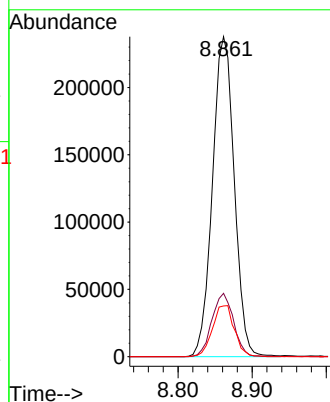
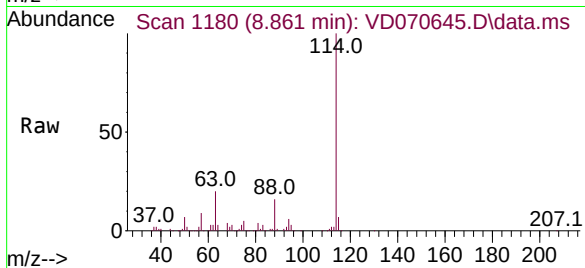
Acq: 08 Oct 2021 18:12

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	114	Resp:	485904
Ion Ratio	Lower	Upper	
114	100		
63	19.8	0.0	41.8
88	15.8	0.0	32.6



#35

Dibromofluoromethane

Concen: 55.668 ug/l

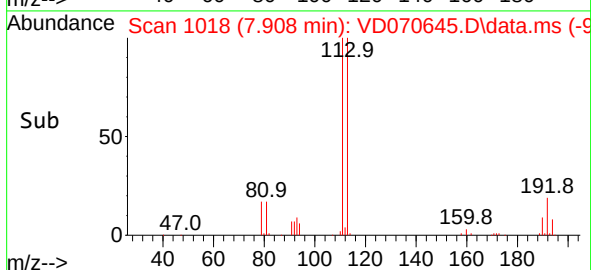
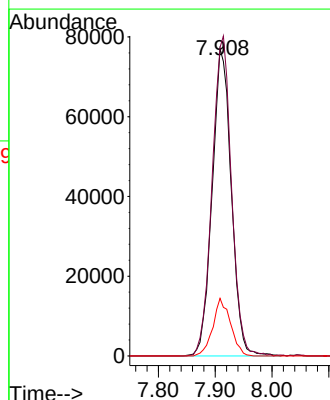
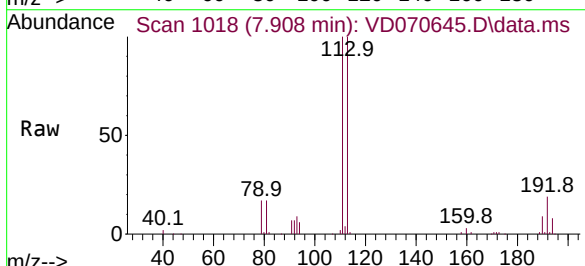
RT: 7.908 min Scan# 1018

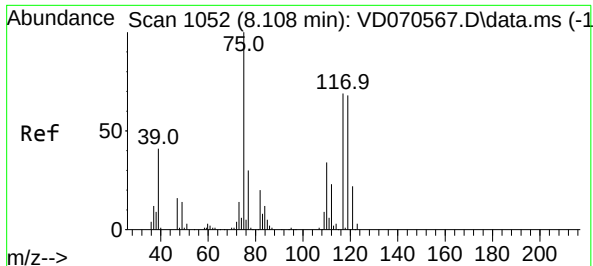
Delta R.T. -0.006 min

Lab File: VD070645.D

Acq: 08 Oct 2021 18:12

Tgt Ion:	113	Resp:	179841
Ion Ratio	Lower	Upper	
113	100		
111	105.4	83.1	124.7
192	17.4	12.7	19.1

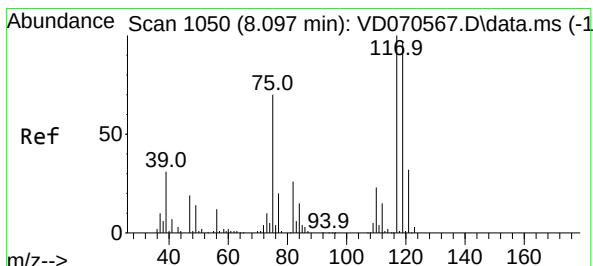
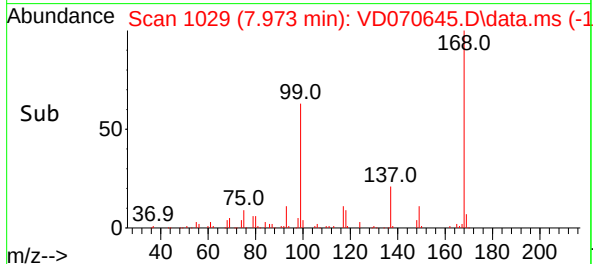
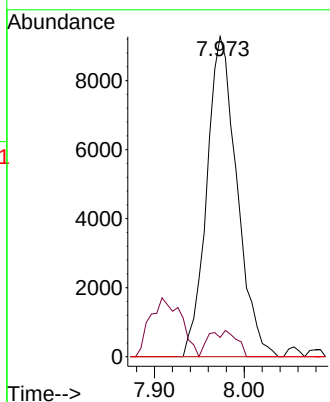
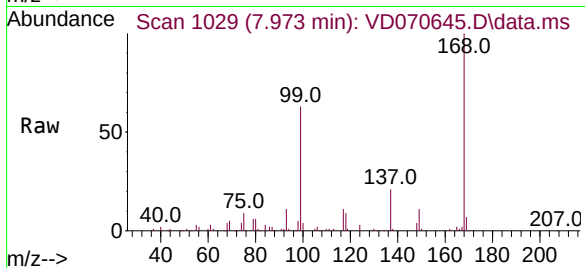




#36
1,1-Dichloropropene
Concen: 4.198 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

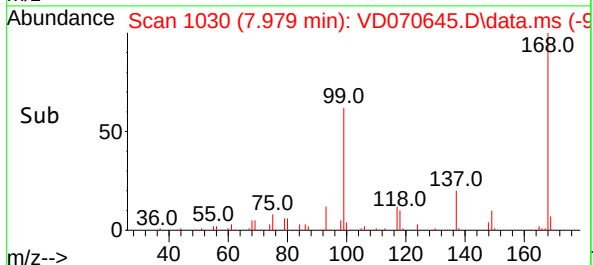
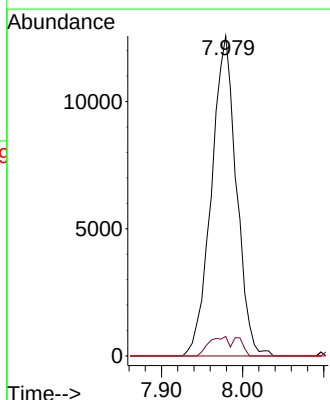
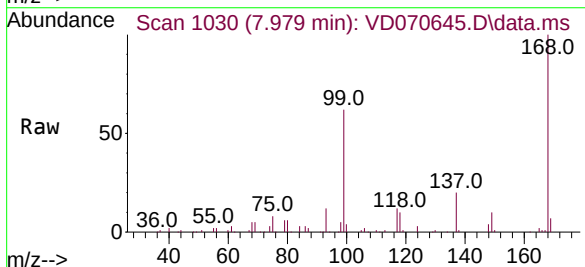
Instrument :
MSVOA_D
ClientSampleId :

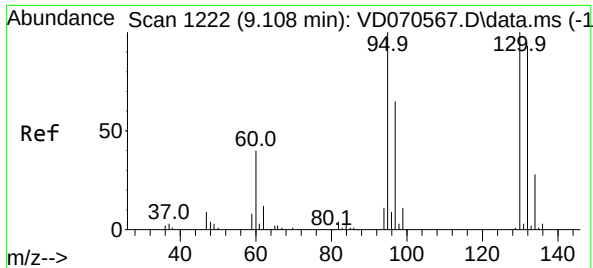
Tgt Ion: 75 Resp: 21665
Ion Ratio Lower Upper
75 100
110 3.7 17.2 51.6#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 4.978 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

Tgt Ion: 117 Resp: 26885
Ion Ratio Lower Upper
117 100
119 6.1 77.4 116.0#
121 0.0 25.4 38.0#

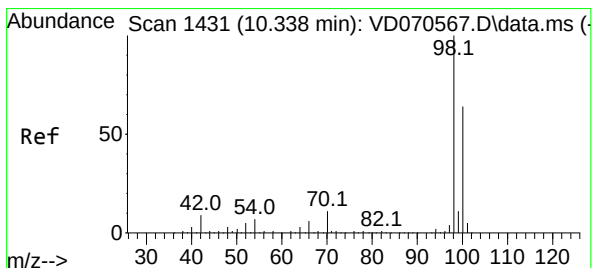
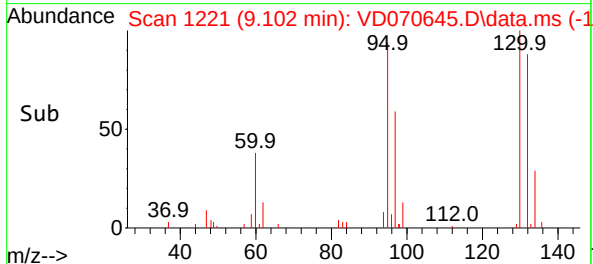
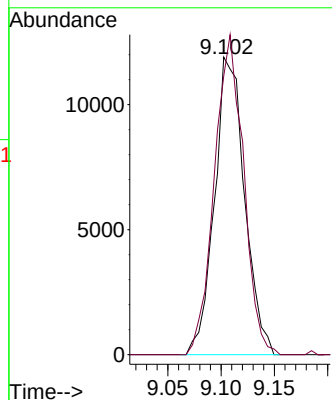
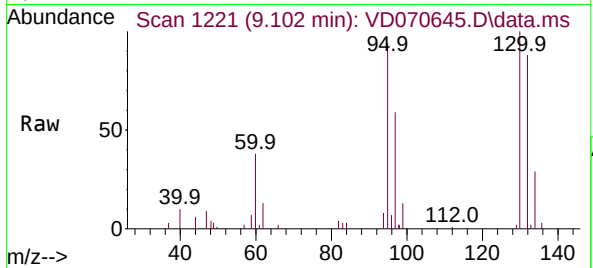




#44
Trichloroethene
Concen: 6.245 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

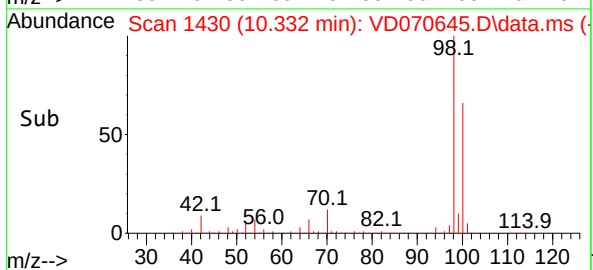
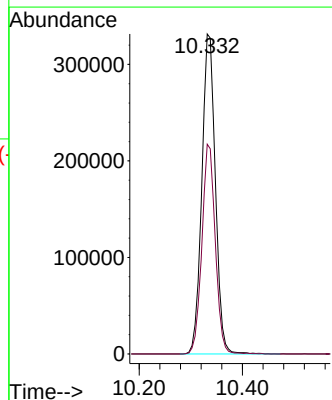
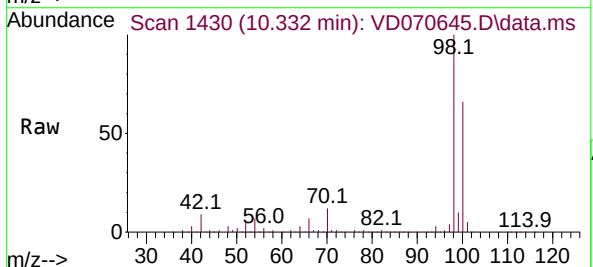
Instrument :
MSVOA_D
ClientSampled :

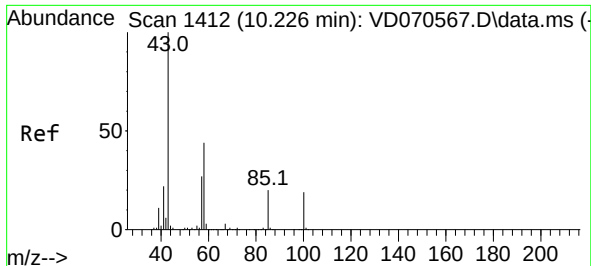
Tgt Ion:130 Resp: 23423
Ion Ratio Lower Upper
130 100
95 93.6 0.0 200.8



#50
Toluene-d8
Concen: 48.794 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

Tgt Ion: 98 Resp: 602611
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4

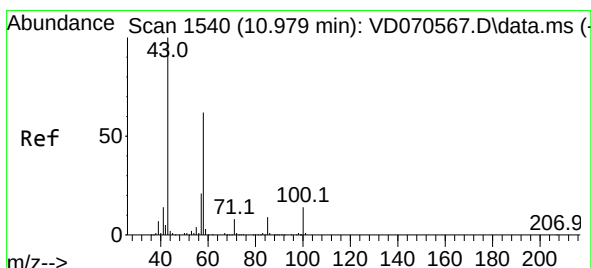
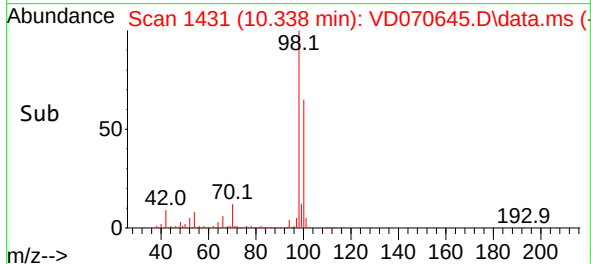
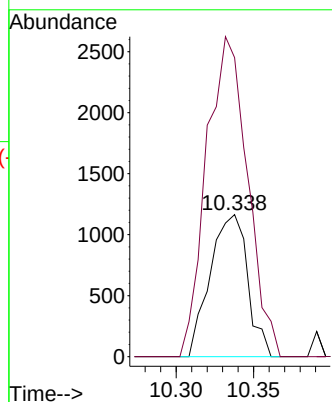
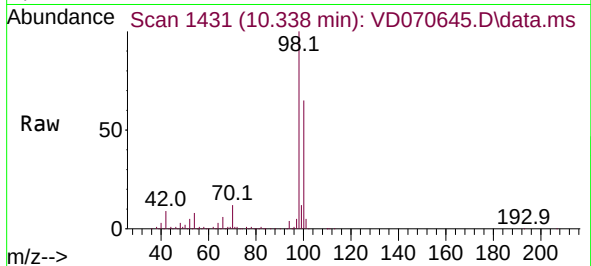




#51
4-Methyl-2-Pentanone
Concen: 1.208 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

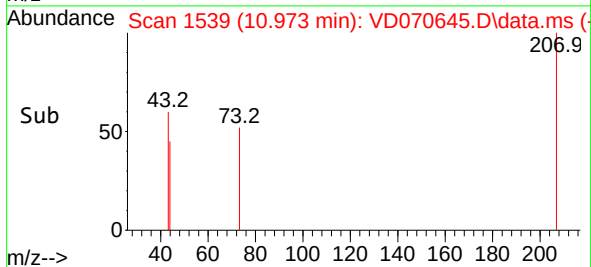
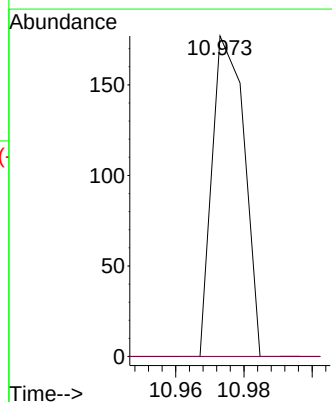
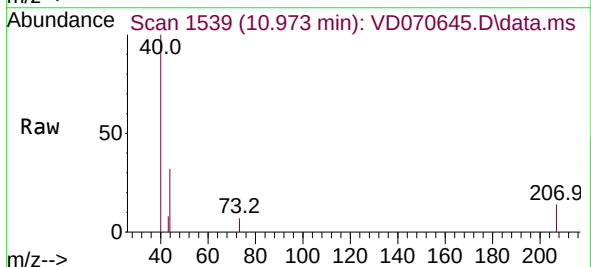
Instrument :
MSVOA_D
ClientSampled :

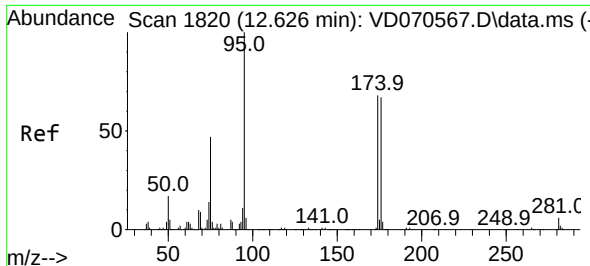
Tgt Ion: 43 Resp: 1958
Ion Ratio Lower Upper
43 100
58 246.9 35.0 52.6#



#59
2-Hexanone
Concen: Below Cal
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

Tgt Ion: 43 Resp: 116
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#

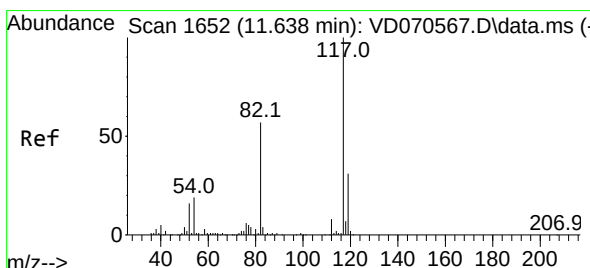
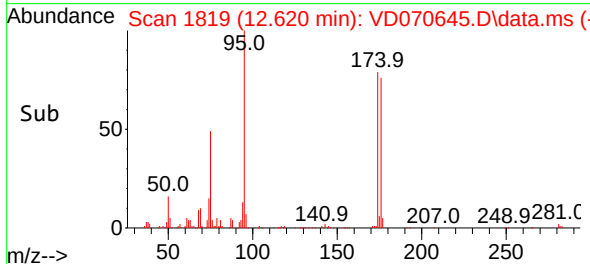
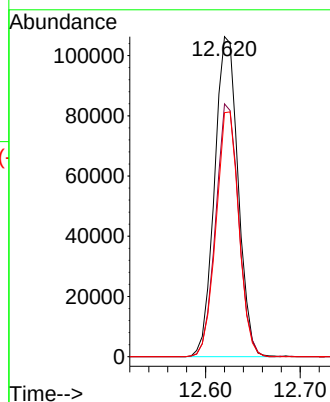
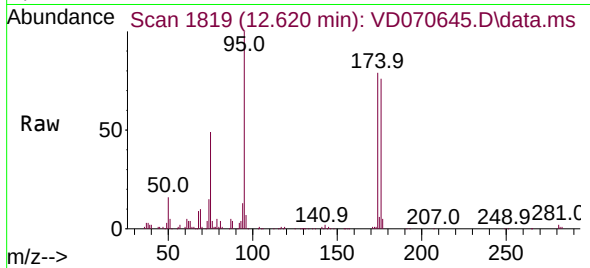




#62
4-Bromofluorobenzene
Concen: 44.476 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

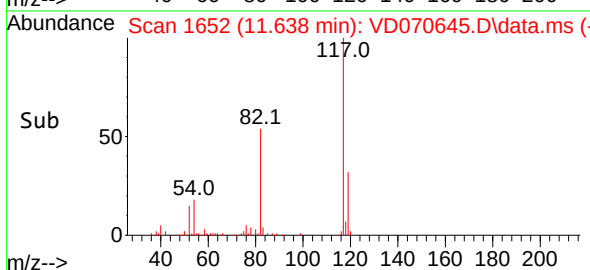
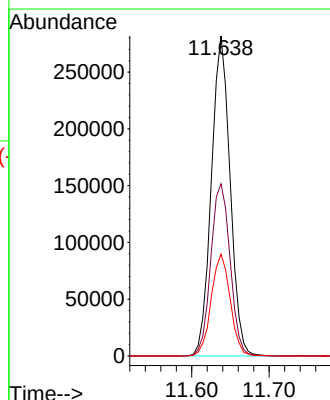
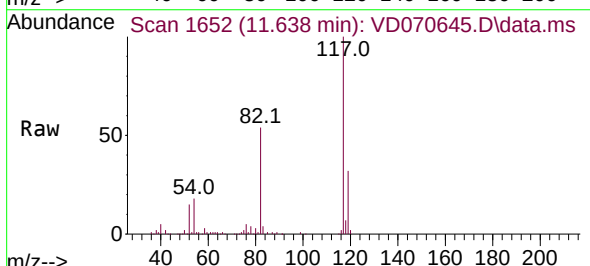
Instrument :
MSVOA_D
ClientSampleId :

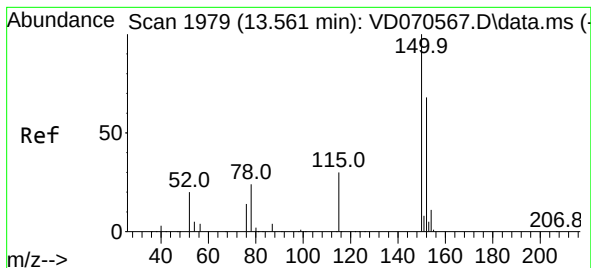
Tgt Ion: 95 Resp: 183583
Ion Ratio Lower Upper
95 100
174 76.8 0.0 138.0
176 74.1 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

Tgt Ion: 117 Resp: 473628
Ion Ratio Lower Upper
117 100
82 53.8 45.4 68.2
119 31.8 24.7 37.1

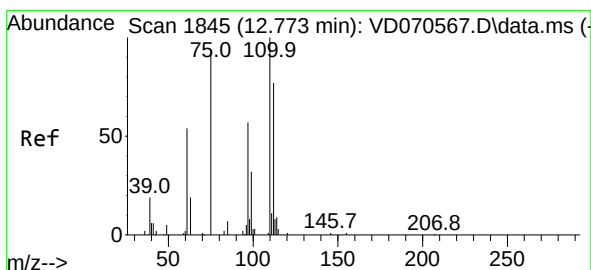
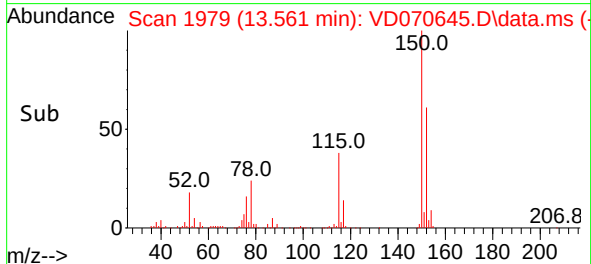
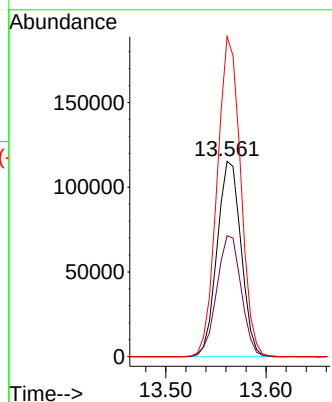
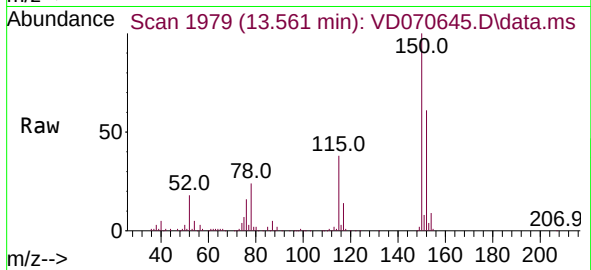




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD070645.D
 Acq: 08 Oct 2021 18:12

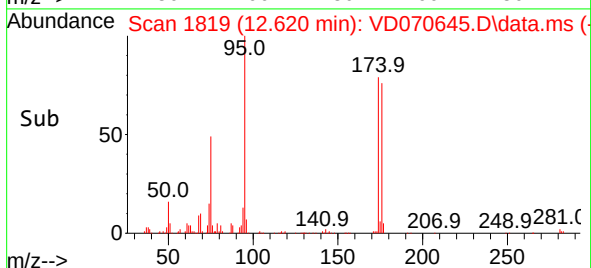
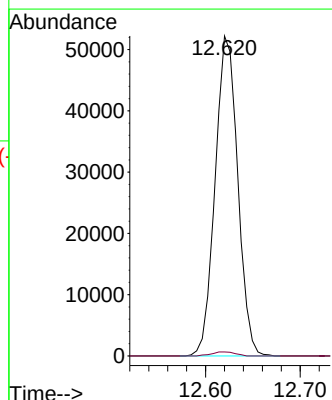
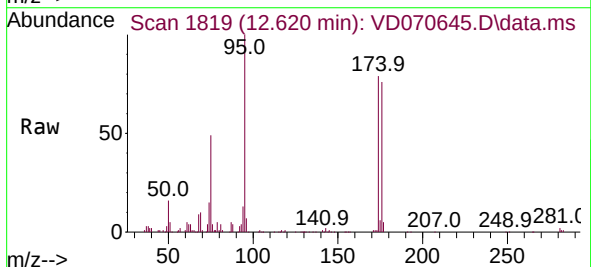
Instrument :
 MSVOA_D
 ClientSampled :

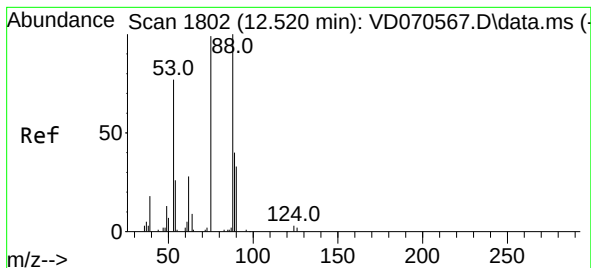
Tgt Ion:152 Resp: 191208
 Ion Ratio Lower Upper
 152 100
 115 63.2 31.9 95.7
 150 161.0 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 50.097 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD070645.D
 Acq: 08 Oct 2021 18:12

Tgt Ion: 75 Resp: 86700
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

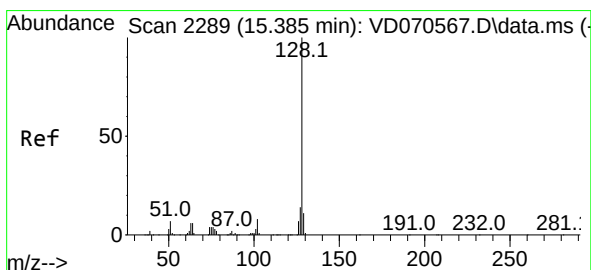
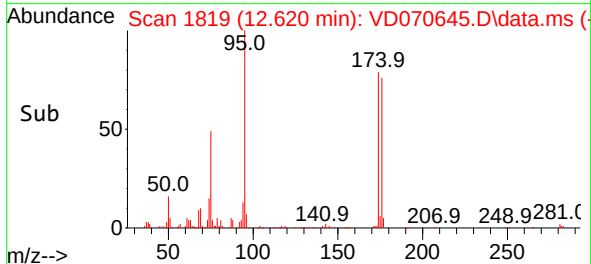
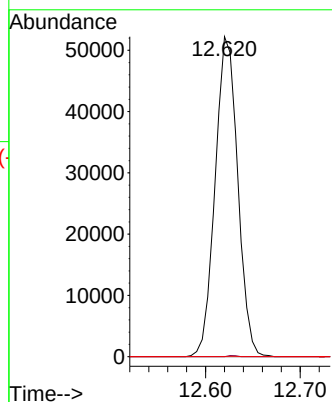
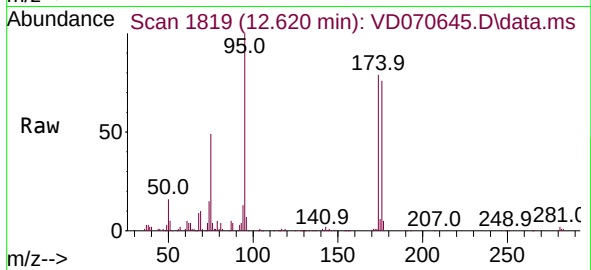




#81
trans-1,4-Dichloro-2-butene
Concen: 111.224 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 86700
Ion Ratio Lower Upper
75 100
53 0.1 64.5 96.7#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 2.579 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD070645.D
Acq: 08 Oct 2021 18:12

Tgt Ion: 128 Resp: 568
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.6 12.8#

